

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---------------------------|------------------|---------|---------------------|
| L1 | 26 | (US-20080035611-\$). did. or (US-6621034- \$ or US-5322985-\$ or US-4447709-\$ or US- 4777338-\$ or US- 4488030-\$ or US- 5178742-\$ or US- 4350866-\$ or US- 4235647-\$ or US- 3656988-\$ or US- 6503387-\$ or US- 4743731-\$ or US- 6348675-\$ or US- 4503318-\$ or US- 4501953-\$ or US- 4025752-\$ or US- 3760153-\$ or US- 3723690-\$ or US- 4355226-\$ or US- 4236062-\$ or US- 4207458-\$ or US- 3571952-\$ or US- 4219727-\$).did. or (US-3089059-\$ or US- 2763759-\$ or US- 2925864-\$).did. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/26 13:25 |
| L2 | 3 | L1 and (current near increase\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/26 13:26 |
| L3 | 10 | L1 and breakdown | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/26 13:54 |
| S1 | 197 | (US-4588683-\$ or US- 4619867-\$ or US- 4575467-\$ or US- 4777267-\$ or US- 5393615-\$ or US- 5516768-\$ or US- 4301246-\$ or US- 4363829-\$ or US- 4491545-\$ or US- 4592868-\$ or US- 4916464-\$ or US- 5668083-\$ or US- 5792592-\$ or US- 5978061-\$ or US- 4264140-\$ or US- 4322571-\$ or US- | USPAT | OR | ON | 2008/12/22 10:58 |

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| | | 4259729-\$ or US- 4259574-\$ or US- 4261023-\$ or US- 4264965-\$ or US- 4264715-\$ or US- 4267299-\$ or US- 4268113-\$ or US- 4268843-\$ or US- 4280131-\$ or US- 4283482-\$ or US- 4283235-\$).did. or (US-4287303-\$ or US- 4310798-\$ or US- 4322735-\$ or US- 4327350-\$ or US- 4327482-\$ or US- 4328511-\$ or US- 4331372-\$ or US- 4334236-\$ or US- 4336937-\$).did. | | | | |
| S2 | 1 | "6348675" | US-PGPUB; USPAT | OR | ON | 2008/12/22 10:59 |
| S3 | 0 | 219/069.1.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/22 11:00 |
| S4 | 204 | 219/69.1.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/22 11:00 |
| S5 | 7 | "4777338" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/12 10:10 |
| S6 | 2 | "US 20080047935" | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2009/03/25 08:10 |
| S7 | 7 | ("2678373" "3622751" "4219727" "4247754" "4447709" "5322985").PN. OR ("6348675").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 09:55 |
| S8 | 10 | ("3862396" "4425496" "4495399" "4534994" "4635358" "4721550" "4787957").PN. OR ("5322985").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 09:57 |

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| S9 | 23 | ("2513838" "2785280" "3502845" "3665157" "3802396" "4261806" "4303733" "4314142" "4487671" "4488030" "4534994" "4578556" "4584450" "4626332" "4628170").PN. OR ("4777338").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 09:59 |
| S10 | 502 | 219/68.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 10:30 |
| S11 | 178 | S10 and (substrate or dielectric\$4 or hole or cavity or channel) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 10:31 |
| S12 | 197 | (US-4588683-\$ or US- 4619867-\$ or US- 4575467-\$ or US- 4777267-\$ or US- 5393615-\$ or US- 5516768-\$ or US- 4301246-\$ or US- 4363829-\$ or US- 4491545-\$ or US- 4592868-\$ or US- 4916464-\$ or US- 5668083-\$ or US- 5792592-\$ or US- 5978061-\$ or US- 4264140-\$ or US- 4322571-\$ or US- 4327128-\$ or US- 4397946-\$ or US- 4594961-\$ or US- 4600679-\$ or US- 4763181-\$ or US- 4810636-\$ or US- 4857392-\$ or US- 4866291-\$ or US- 4908797-\$ or US- 4966447-\$).did. or (US-4977096-\$ or US- 5194893-\$ or US- 5362552-\$ or US- 5363327-\$ or US- 5364640-\$ or US- | USPAT | OR | ON | 2009/03/25 10:59 |

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| | | 4327482-\$ or US-4328511-\$ or US-4331372-\$ or US-4334236-\$ or US-4336937-\$).did. | | | | |
| S13 | 276 | 219/69.1.ccls. not S10 not S12 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 10:59 |
| S14 | 120 | S13 and (substrate or dielectric\$4 or hole or cavity or channel) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 11:00 |
| S15 | 240 | 219/384.ccls. not S10 not S12 not S13 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 11:29 |
| S16 | 111 | S15 and (substrate or dielectric\$4 or hole or cavity or channel) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 11:29 |
| S17 | 76 | S15 and (substrate or dielectric\$4 or hole or cavity or channel) and electrode | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 11:38 |
| S18 | 57 | S15 and (substrate or dielectric\$4 or hole or cavity or channel) and electrode and spark\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 11:43 |
| S19 | 439 | 219/383.ccls. not S10 not S12 not S13 not S15 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:04 |
| S20 | 18 | S19 and (substrate or dielectric\$4 or hole or cavity or channel) and electrode and spark\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:04 |
| S21 | 1677 | 219/388.ccls. not S10 not S12 not S13 not S15 not S19 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:06 |
| S22 | 0 | S21 and (substrate or dielectric\$4 or hole or cavity or channel) and electrode and spark\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:06 |
| S23 | 573 | 219/121.59.ccls. not S10 not S12 not S13 not S15 not S19 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:08 |
| S24 | 49 | S23 and (substrate or dielectric\$4 or hole or cavity or channel) and electrode and spark\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:08 |

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|-----|-----|--|---------------------------|----|-----|---------------------|
| S25 | 288 | 83/16.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:14 |
| S26 | 273 | 83/16.ccls. not S10 not S12 not S19 not S13 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:15 |
| S27 | 9 | S26 and (substrate or dielectric\$4 or hole or cavity or channel) and electrode and spark\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:15 |
| S28 | 18 | S26 and (substrate or dielectric\$4 or hole or cavity or channel) and electrode | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:16 |
| S29 | 16 | ("2763759" "3351740" "3424895" "3538308" "3571952" "3582985" "3862396" "4219727" "4236062" "4278871" "4287525" "4355226").PN. OR ("4503318").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:17 |
| S30 | 0 | 148/9.5.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:19 |
| S31 | 48 | 148/95.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 13:22 |
| S32 | 63 | ((CHRISTIAN) near2 (SCHMIDT)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/25 16:05 |

3/ 26/ 2009 3:22:42 PM

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